

# Converting Colors

XYZ(43.5711, 24.6785, 20.2478)

Have a look what the booklet for  
XYZ(43.5711, 24.6785, 20.2478)  
contains.

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# Color

**XYZ(43.5254, 24.6852,  
20.2400)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F73F78
RGB	247, 63, 120
RGB Percent	97%, 25%, 47%
CMY	0.0314, 0.7529, 0.5294
CMYK	0.00, 0.74, 0.51, 0.03
HSL	341°, 92%, 61%
HSV	341°, 74%, 97%
XYZ	43.5254, 24.6852, 20.2400
YIQ	124.5140, 91.3670, 56.7350

# Conversions

## Conversions Part 2

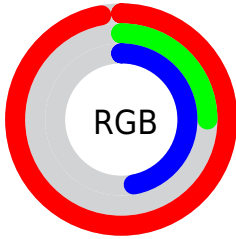
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 63, 120
Decimal	16203640
CIE <sub>Lab</sub>	56.77, 71.74, 11.32
CIE <sub>LCh</sub>	57, 72.629, 8.966
Yxy	24.6852, 0.4921, 0.2791
Android (android.graphics.Color)	4294393720 (0xFFFF73F78)
YUV	124.5140, -2.2254, 107.4202
Hunter-Lab	49.6842, 69.4260, 10.6258

# Details

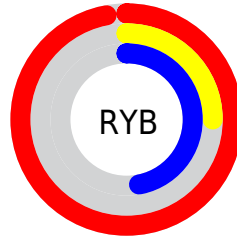
The XYZ color **43.5254, 24.6852, 20.2400** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **44.6069, 71.2967, 60.1327**, and the grayscale version is **19.3174, 20.3234, 22.1322**.

A 20% lighter version of the original color is **56.0200, 38.9058, 43.5867**, and **20.9369, 10.6582, 7.0846** is the 20% darker color. If you saturate the color by 10%, you get **41.5065, 22.1587, 14.9085**, and if you desaturate by 10%, it is **46.3428, 28.5141, 26.7470**.

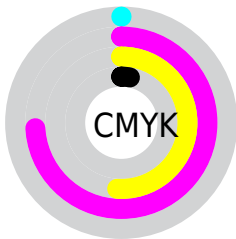
# Distribution



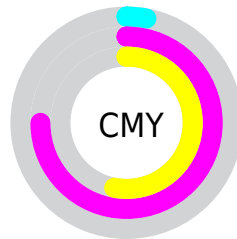
- Red (97%)
- Green (25%)
- Blue (47%)



- Red (97%)
- Yellow (25%)
- Blue (47%)



- Cyan (0%)
- Magenta (74%)
- Yellow (51%)
- Black (3%)




- Cyan (3%)
- Magenta (75%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5254, 24.6852, 20.2400 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 43.5254, 24.6852, 20.2400 by changing the saturation by 10% instead.




 43.5254, 24.6852,  
20.2400


 43.5254, 24.6852,  
20.2400


351.6530,  
276.2666, 265.8585


 30.4939, 15.8427,  
12.3838


 79.7539, 51.1461,  
44.6834

 20.3637, 9.4129,  
6.8799


 103.6816, 69.5332,  
62.1078


 12.7695, 5.0115,  
3.3098


 131.9720, 91.8706,  
83.5586

 7.3459, 2.2540,  
1.2549

 164.9906,  
118.5428, 109.4544

 3.7276, 0.7492,  
0.0244

 203.1026,  
149.9341, 140.2138

 1.5492, 0.0000,  
0.0000

246.6734,

 0.3590, 0.0000,

186.4289, 176.2552

0.0000

296.0685,  
228.4116, 217.9973

■ 0.0000, 0.0000,  
0.0000

■ 43.5254, 24.6852,  
20.2400

■ 43.5254, 24.6852,  
20.2400

■ 41.5065, 22.1587,  
14.9085

■ 46.3428, 28.5141,  
26.7470

■ 40.1852, 20.7481,  
10.6701


■ 50.0385, 33.7902,  
34.5001


■ 39.6797, 20.3029,  
8.7574


■ 54.6842, 40.6435,  
43.5654

■ 60.3435, 49.1883,  
54.0030

■ 67.0742, 59.5282,  
65.8695

 74.9295, 71.7583,  
79.2179

 83.9592, 85.9673,  
94.0984

 92.1676, 98.5141,  
108.7651

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.2000, 24.6852, 47.3544



43.5254, 24.6852, 20.2400



38.5538, 24.6852, 6.9133

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.5254, 24.6852, 20.2400



14.6330, 24.6852, 4.4693



18.0852, 24.6852, 98.2267

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.5254, 24.6852, 20.2400



44.6069, 71.2967, 60.1327

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



12.9345, 24.6852, 68.2148



43.5254, 24.6852, 20.2400



11.3008, 24.6852, 13.3639

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.5254, 24.6852, 20.2400



21.0130, 24.6852, 2.1100



10.7646, 24.6852, 34.8285



26.0954, 24.6852, 104.3773



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.5254, 24.6852, 20.2400



32.9084, 24.6852, 3.4404



10.7646, 24.6852, 34.8285



16.0229, 24.6852, 89.9949

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.5260, 24.6866, 20.2404



74.0708, 67.0330, 74.1879



39.4878, 21.0571, 89.9785



15.3912, 13.6304, 15.0816



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.5260, 24.6866, 20.2404



43.8774, 22.9813, 13.7641



43.5062, 28.6352, 7.9387



16.7105, 16.5670, 18.2220



21.0412, 10.7599, 4.9253



1.8935, 0.9634, 0.6656



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43.5260, 24.6866, 20.2404



43.8774, 22.9813, 13.7641



42.7011, 55.4963, 96.4566



16.7105, 16.5670, 18.2220



21.0412, 10.7599, 4.9253



1.8935, 0.9634, 0.6656



# Previews

## White Background



This preview shows how the XYZ color 43.5254, 24.6852, 20.2400 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 43.5254, 24.6852, 20.2400 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 43.5254, 24.6852, 20.2400**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.5254, 24.6852, 20.2400.



This preview shows how white text looks on a background with the XYZ color 43.5254, 24.6852,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

43.5254, 24.6852, 20.2400

### Protanopia

24.4377, 24.7367, 36.2875

### Deuteranopia

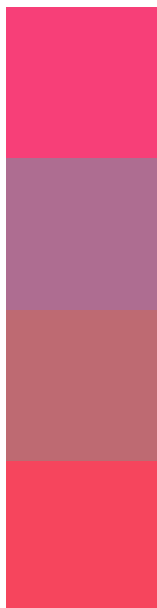
25.0861, 24.6494, 18.4746



## Tritanopia

41.3783, 24.7134, 9.6105

# Trichromacy



## Original Color

43.5254, 24.6852, 20.2400

## Protanomaly

28.0350, 21.9803, 29.5531

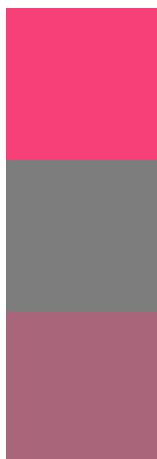
## Deuteranomaly

29.4265, 22.4701, 18.7058

## Tritanomaly

42.1099, 24.6394, 12.8924

# Monochromacy



## Original Color

43.5254, 24.6852, 20.2400

## Achromatopsia

19.4927, 20.5079, 22.3331

## Achromatomaly

24.6887, 19.3678, 21.1760

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.5254, 24.6852, 20.2400 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(247, 63, 120)` looks like.

```
.text, #text, p{  
    color:rgb(247, 63, 120)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(247, 63, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 63, 120) }
```

## Border

The CSS property to change the border of an element to XYZ 43.5254, 24.6852, 20.2400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 63, 120) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(247, 63, 120) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(247, 63, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 63, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 63, 120);  
box-shadow:4px 4px 4px 4px rgb(247, 63,  
120) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.5254, 24.6852, 20.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 63, 120) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(247, 63,  
120) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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